Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

Claims 1 – 17 (cancelled)

Claim 18: (currently amended): An isolated linear peptide obtained from an antibiotic peptide ~~or a moiety of said linear peptide~~ to vectorize active substances, ~~said moiety of said linear peptide being made up of at least five successive amino acids of SEQ. ID NO: 23,~~ wherein said isolated peptide is devoid of a disulphide bond and wherein said isolated peptide comprises the sequence: Arg-Arg-Leu-Ser-Tyr-Ser-Arg-Arg-Arg-Phe (SEQ ID NO: 23).

Claim 19: (previously presented): The isolated linear peptide of claim 18, wherein the antibiotic peptide is a β-stranded antibiotic peptide.

Claim 20: (currently amended): A method for vectoring an active substance using a linear peptide having a sequence of which if SEQ. ID NO. :23 ~~or a moiety of said linear peptide~~ to vectorize active substances, ~~said moiety of said linear peptide being made up of at least five successive amino acids of SEQ. ID. NO. 23~~ , wherein said active substance is selected from the group consisting of ~~peptides,~~ polypeptides, antibodies, nucleic acids, oligonucleotides and chemical molecules, and said linear peptide ~~or said moiety of said linear peptide made up of at least five successive amino acids~~

~~of SEQ. ID NO. 23~~ is devoid of disulphide bonds, said disulphide bonds being removed, replaced by another amino acid or wherein one or more cysteines in said peptide ~~or said moiety of said linear peptide made up of at least five successive amino acids of SEQ. ID No. 23~~ is blocked at the SH group level, said method comprising the steps of:

(a) coupling said active substance to said linear peptide ~~or to said moiety of said linear peptide made up of at least five successive amino acids of SEQ. ID No. 23~~ ; and

(b) conveying said active substances coupled with said linear peptide ~~or with said moiety of said linear peptide made up of at least five successive amino acids of SEQ. ID No. 23~~ to a target for vectoring, <u>said target being selected from the group consisting of a particular cell compartment, a particular cell type, and a particular organ</u>.
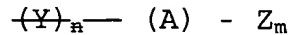
Claims 21 – 23. (cancelled)

Claim 24: (currently amended): A method of vectoring an active substance selected from the group consisting of ~~peptides,~~ polypeptides, antibodies, nucleic acids, oligonucleotides and chemical molecules using a linear peptide according to claim 18, the method comprising the steps of:

(a) coupling said active substance to said linear peptide; and

(b) conveying said active substance coupled with said linear peptide to a target for vectoring, said target being selected from the group consisting of a particular cell compartment, a particular cell type and a particular organ.

Claims 25 – 28. (cancelled)

Claim 29: (currently amended): A compound of formula (IV):

$$\text{(Y)}_n \text{---} (A) - Z_m$$

wherein:

A is a peptide according to claim 18;

Z represents an active substance selected from the group consisting of ~~peptides,~~ polypeptides, antibodies, nucleic acids, oligonucleotides and chemical molecules;

~~Y represents a signal agent selected from the group consisting of oligopeptides, proteins, antibodies and chemical ligands, said signal agent having an affinity towards a particular cell type, cell compartment or a specific tissue or organ, or the ability to recognize a specific determinant present on a particular cell type, cell compartment or a specific tissue or organ;~~

~~N is 0 or 1;~~

m is 1 to 10.

Claim 30: (currently amended): The compound according to claim ~~25~~ 37, wherein at least one of the active substances (Z) is attached by a covalent bond to either the N-terminal or C-terminal ends ~~or at the primary amino groups carried by the side-chains of the lysines~~ of linear peptide (A).
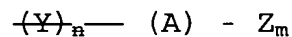
Claims 31 - 32. (cancelled)

Claim 33: (currently amended) A pharmaceutical composition comprising as active ingredient at least one compound of formula (IV) according to claim 37, optionally associated with an acceptable vehicle or carrier.

Claim 34: (previously presented): A diagnostic agent comprising at least one compound of formula (IV) according to claim 37.

Claims 35 - 36. (cancelled)

Claim 37: (currently amended) A compound of the formula (IV):

$$\text{(Y)}_n\text{---} \text{(A)} - Z_m$$

wherein:

A represents a linear peptide having a sequence of which is SEQ. ID NO: 23 or a moiety of said linear peptide made up of at least five successive amino acids of SEQ. ID NO. 23;

Z represents an active substance selected from the group consisting of peptides, polypeptides, antibodies, nucleic acids, oligonucleotides and chemical molecules;

Y represents a signal agent selected from the group consisting of oligopeptides, proteins, antibodies and chemical ligands, said signal agent having an affinity towards a particular cell type, cell compartment or a specific tissue or organ, or the ability to recognize a specific determinant present on a

~~particular cell type, cell compartment or a specific tissue or~~

~~organ;~~

~~N is 0 or 1;~~

m is 1 to 10.

38. (currently amended) A compound according to claim 37 wherein said chemical molecules are selected from the group consisting of anti-tumorals, antivirals, ~~anti-inflammatories,~~ and <u>antibacterials</u> ~~agents preventing the degradation of organs and/or tissues~~.